

In the Abstract:

Please amend the abstract as follows; a clean copy of the abstract is attached hereto on a separate sheet:

A method and a system for use in connection with programming of an industrial ~~robot~~, the robot. The programming comprises ~~includes~~ teaching the robot a path having a number of waypoints located on or in the vicinity of an object to be processed by the robot. The system ~~comprises:~~ ~~means~~ includes elements for obtaining information about the waypoints of the path in relation to the object, a storage unit (16), for storing the obtained information, a simulation unit (18), for simulating the robot path based on the obtained information about the waypoints and a model of the robot, a graphics generator (23), for generating a graphical representation of the simulated robot path, and a display member (12) for displaying a view comprising the object and ~~said~~ the graphical representation of the robot path projected on the object.

(~~Fig. 2~~)